

In the Claims:

B4
1 1. (currently amended) An aluminum alloy containing at least
2 0.0001 mass % and not more than ~~[[0.03]]~~ 0.01 mass % of
3 copper, at least 0.0005 mass % and not more than ~~[[0.2]]~~
4 0.1 mass % of silicon, at least ~~[[0.5]]~~ 1.0 mass % and not
5 more than ~~[[4]]~~ 3.0 mass % of manganese and at least
6 ~~[[0.5]]~~ 0.7 mass % and not more than ~~[[3]]~~ 1.2 mass % of
7 iron, ~~with the rest and a remainder~~ containing aluminum and
8 unavoidable impurities, ~~and excluding zinc except for an~~
9 ~~unavoidable amount of zinc that may be included in said~~
10 ~~unavoidable impurities.~~

Claim 2 (canceled)

1 3. (currently amended) The aluminum alloy according to
2 claim 1, further containing at least one element selected
3 from a group consisting of at least 0.01 mass % and not
4 more than 0.5 mass % of chromium, at least 0.01 mass % and
5 not more than 0.5 mass % of titanium and at least 0.01
6 mass % and not more than 0.5 mass % of zirconium.

1 4. (previously presented) An aluminum alloy foil consisting of
2 the aluminum alloy according to claim 1, and having a
3 thickness, elongation and yield strength so selected that
4 the relation between the yield strength YS (N/mm²) and the
5 thickness X (μ m) satisfies an inequality
6 $YS > 28.7 \ln(X) - 30$ and the relation between the

7 elongation E_l (%) and the thickness X (μm) satisfies an
8 inequality $E_l > 0.15X + 3.5$.

1 5. (withdrawn - currently amended) A method of preparing the
2 aluminum alloy foil according to claim 4, comprising steps
3 of:

4 heating up an ingot of ~~[[an]]~~ said aluminum alloy to
5 a temperature of at least 350°C and not more than 580°C ;

6 hot-rolling said ingot of said aluminum alloy at a
7 starting temperature of at least 350°C and not more than
8 530°C after the heating up thereby obtaining a plate
9 material;

10 cold-rolling said plate material after the hot
11 rolling; and

12 softening said plate material after the cold rolling.

1 6. (withdrawn) The method of preparing the aluminum alloy foil
2 according to claim 5, further comprising

3 a step of retaining said ingot of said aluminum alloy
4 at a temperature of at least 350°C and not more than 580°C
5 for not more than 15 hours after said step of heating up
6 said ingot, and

7 carrying out said step of hot-rolling said ingot for
8 obtaining said plate material after said holding step.

1 7. (withdrawn - currently amended) The method of preparing the
2 aluminum alloy foil according to claim 5, comprising
3 carrying out said step of hot-rolling said ingot for

4 obtaining said plate material immediately after said step
5 of heating up said ingot.

1 8. (withdrawn) The method of preparing the aluminum alloy foil
2 according to claim 5, wherein said step of softening said
3 plate material includes an operation of retaining said
4 plate material at a temperature of at least 270°C and not
5 more than 380°C for at least one hour and not more than 20
6 hours.

1 9. (currently amended) An aluminum alloy foil consisting of an
2 aluminum alloy containing at least 0.0001 mass % and not
3 more than 0.01 mass % of copper, at least 0.0005 mass % and
4 not more than 0.1 mass % of silicon, at least 1.0 mass %
5 and not more than 3.0 mass % of manganese and at least 0.7
6 mass % and not more than 1.2 mass % of iron, and a
7 remainder with the rest containing aluminum and unavoidable
8 impurities, and excluding zinc except for an unavoidable
9 amount of zinc that may be included in said unavoidable
10 impurities, and having a thickness, elongation and yield
11 strength so selected that the relation between the yield
12 strength YS (N/mm²) and the thickness X (μm) satisfies an
13 inequality $YS > 28.7 \ln(X) - 30$ and the relation between
14 the elongation El (%) and the thickness X (μm) satisfies an
15 inequality $El > 0.15X + 3.5$.

1 10. (original) A container consisting of the aluminum alloy
2 foil according to claim 9 and having a thickness of at
3 least 50 μm and not more than 200 μm .

1 11. (new) The aluminum alloy according to claim 1, containing
2 more than 1.0 mass % of said manganese.

1 12. (new) An article of manufacture,
2 said article of manufacture consisting of the aluminum
3 alloy according to claim 1, and
4 said article of manufacture being an article selected
5 from the group consisting of a container, a food wrapping
6 foil material, a domestic article, and a decorative
7 article.

1 13. (new) An aluminum alloy consisting of:
2 0.0001 to 0.01 mass % of copper;
3 0.0005 to 0.1 mass % of silicon;
4 1.0 to 3.0 mass % of manganese;
5 0.7 to 1.2 mass % of iron;
6 0.0 to 0.5 mass % of each of at least one additional
7 element selected from a group consisting of chromium,
8 titanium and zirconium; and
9 a remainder consisting of aluminum and unavoidable
10 trace amounts of unavoidable impurities.

1 14. (new) The aluminum alloy according to claim 13, including
2 at least 0.01 mass % of each of at least one said
3 additional element selected from said group.

1 15. (new) The aluminum alloy according to claim 13, including
2 not more than an unavoidable trace amount of each said
3 additional element selected from said group.

1 16. (new) An aluminum alloy foil consisting of the aluminum
2 alloy according to claim 13, and having a thickness,
3 elongation and yield strength so selected that the relation
4 between the yield strength YS (N/mm²) and the thickness
5 X (μ m) satisfies an inequality $YS > 28.7 \ln(X) - 30$ and the
6 relation between the elongation El (%) and the thickness
7 X (μ m) satisfies an inequality $El > 0.15X + 3.5$.

1 17. (new) The aluminum alloy according to claim 13, containing
2 more than 1.0 mass % of said manganese.

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